

CLINISOL- lysine acetate, leucine, phenylalanine, valine, histidine, isoleucine, methionine, threonine, tryptophan, alanine, arginine, glycine, proline, glutamic acid, serine, aspartic acid and tyrosine injection, solution
Baxter Healthcare Corporation

15% CLINISOL - sulfite-free (Amino Acid) Injection
Pharmacy Bulk Package
Not for Direct Infusion
in VIAFLEX Plastic Container

DESCRIPTION

15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package is a sterile, clear, nonpyrogenic, hypertonic solution of essential and nonessential amino acids. A Pharmacy Bulk Package is a container of a sterile preparation for parenteral use that contains many single doses. The contents are intended for use in a pharmacy admixture program and are restricted to the preparation of admixtures for intravenous infusion.

The VIAFLEX plastic container is fabricated from a specially formulated polyvinyl chloride (PL 146 Plastic). Exposure to temperatures above 25°C/77°F during transport and storage will lead to minor losses in moisture content. Higher temperatures lead to greater losses. It is unlikely that these minor losses will lead to clinically significant changes within the expiration period. The amount of water that can permeate from inside the container into the overwrap is insufficient to affect the solution significantly. Solutions in contact with the plastic container can leach out certain of its chemical components in very small amounts within the expiration period, e.g., di-2-ethylhexyl phthalate (DEHP), up to 5 parts per million; however, the safety of the plastic has been confirmed in tests in animals according to USP biological test for plastic containers as well as by tissue culture toxicity studies.

Each 100 mL of 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package contains:

Amino Acids	15.0 g
Total Nitrogen	2.37 g
pH	6.0 (5.0 to 7.0)

(pH adjusted with glacial acetic acid)

Essential Amino Acids

Lysine - (from Lysine Acetate) $C_6H_{14}N_2O_2$	1.18 g
Leucine - $C_6H_{13}NO_2$	1.04 g
Phenylalanine - $C_9H_{11}NO_2$	1.04 g
Valine - $C_5H_{11}NO_2$	960 mg
Histidine - $C_6H_9N_3O_2$	894 mg
Isoleucine - $C_6H_{13}NO_2$	749 mg
Methionine - $C_5H_{11}NO_2S$	749 mg
Threonine - $C_4H_9NO_3$	749 mg
Tryptophan - $C_{11}H_{12}N_2O_2$	250 mg

Nonessential Amino Acids

Alanine - $C_3H_7NO_2$	2.17 g
Arginine - $C_6H_{14}N_4O_2$	1.47 g
Glycine - $C_2H_5NO_2$	1.04 g

Proline - C ₅ H ₉ NO ₂	894 mg
Glutamic Acid - C ₅ H ₉ NO ₄	749 mg
Serine - C ₃ H ₇ NO ₃	592 mg
Aspartic Acid - C ₄ H ₇ NO ₄	434 mg
Tyrosine - C ₉ H ₁₁ NO ₃	39 mg
Anion profiles per liter*	
Acetate from Lysine Acetate and glacial acetic acid	127 mEq
*Balanced by ions from amino acids.	
Osmolarity (Calc.)	1357 mOsmol/L

CLINICAL PHARMACOLOGY

15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package administered parenterally will provide biologically utilizable source material for protein synthesis when used with concentrated calorie sources, electrolytes, vitamins and minerals.

Central Infusion

15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package is intended for use in a pharmacy admixture program and as such is restricted to the preparation of admixtures for intravenous use. 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package given by central venous infusion in combination with energy sources, vitamins, trace elements and electrolytes, will meet the requirements for weight maintenance or weight gain. The energy component may be derived solely from dextrose or may be provided by a combination of dextrose and intravenous fat emulsion.

Peripheral Infusion

15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package, when diluted to an appropriate osmolarity level (718 mOsmol/L) can also be administered by a peripheral vein when use of a central venous catheter is contraindicated.

INDICATIONS AND USAGE

15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package is indicated as an adjunct in the offsetting of nitrogen loss or in the treatment of negative nitrogen balance in patients where: (1) the alimentary tract cannot or should not be used, (2) gastrointestinal absorption of protein is impaired, or (3) metabolic requirements for protein are substantially increased, as with extensive burns.

CONTRAINDICATIONS

Hypersensitivity to one or more amino acids

Severe liver disease or hepatic coma

Anuria

Metabolic disorders involving impaired nitrogen utilization

WARNINGS

Additives may be incompatible. Consult with pharmacist, if available. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store. Because of the potential for life-threatening events, caution should be taken to ensure that precipitates have not formed in any parenteral nutrient admixture.

This injection is for compounding only, not for direct infusion.

Once container closure has been penetrated, withdrawal of contents should be completed within 4 hours. After initial entry, maintain contents at room temperature (25°C/77°F).

Any admixture storage should be under refrigeration and limited to a brief period of time, preferably less than 24 hours.

Administration of amino acid solutions at excessive rates or to patients with hepatic insufficiency may result in plasma amino acid imbalances, hyperammonemia, prerenal azotemia, stupor and coma. Conservative doses of amino acids should be given to these patients, dictated by the nutritional status of the patient. Should symptoms of hyperammonemia develop, amino acid administration should be discontinued and the patient's clinical status reevaluated.

WARNING: This product contains aluminum that may be toxic. Aluminum may reach toxic levels with prolonged parenteral administration if kidney function is impaired. Premature neonates are particularly at risk because their kidneys are immature, and they require large amounts of calcium and phosphate solutions, which contain aluminum.

Research indicates that patients with impaired kidney function, including premature neonates, who receive parenteral levels of aluminum at greater than 4 to 5 µg/kg/day accumulate aluminum at levels associated with central nervous system and bone toxicity. Tissue loading may occur at even lower rates of administration.

PRECAUTIONS

General

In order for parenterally administered amino acids to be retained by the body and utilized for protein synthesis adequate calories must be administered concurrently.

The administration of 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package as part of total parenteral nutrition (TPN) with large volumes of hyperosmotic fluids requires periodic monitoring of the patient for signs of hyperosmolarity, hyperglycemia, glycosuria and hypertriglyceridemia.

During parenteral nutrition with concentrated dextrose and amino acid solutions, essential fatty acid deficiency syndrome may develop but may not be clinically apparent. Early demonstration of this condition can only be accomplished by analysis of plasma lipids. The syndrome may be prevented or corrected by appropriate treatment with intravenous fat emulsions.

For complete nutritional support, TPN regimens must also include multiple vitamins and trace elements. Potentially incompatible ions such as calcium and phosphate may be added to alternate infusate containers to avoid precipitation.

Initiation and termination of infusions of TPN fluids must be gradual to permit adjustment of endogenous insulin release.

Caution should be exercised against volume overload.

Do not administer unless solution is clear.

TPN delivered through a central or large peripheral vein is a special technique requiring a team effort by physician, nurse and pharmacist. The responsibility for administering this therapy should be confined to those trained in the procedures and alert to signs of complications. Complications known to occur from the placement of central venous catheters include sepsis and vein irritation due to hypertonicity of the infused solution. The risk of sepsis is present during intravenous therapy, especially when using central venous catheters for prolonged periods. It is imperative that the preparation of admixtures and the placement and care of the catheters be accomplished under controlled aseptic conditions. **It is essential that a carefully prepared protocol, based on current medical practices be followed.**

Drug product contains no more than 25 µg/L of aluminum.

Laboratory Tests

Frequent clinical evaluations and laboratory determinations are necessary for proper monitoring during administration.

Laboratory tests should include blood glucose, serum electrolytes, liver and renal function, serum osmolarity, blood ammonia, serum protein, pH, hematocrit, and WBC. When 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package is combined with electrolytes, care should be used in administering this solution to patients with congestive heart failure, renal failure, edema, adrenal hyperactivity, acid base imbalance and those receiving diuretics or antihypertensive therapy. Serum electrolytes should be monitored daily.

Carcinogenesis, Mutagenesis, Impairment of Fertility:

Long term animal studies with 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package have not been performed to evaluate the carcinogenic potential, mutagenic potential or effects on fertility.

Pregnancy:

Teratogenic Effects

Pregnancy Category C.

Animal reproduction studies have not been conducted with 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package. It is also not known whether 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package can cause fetal harm when administered to a pregnant woman or can affect reproduction capacity. 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package should be given to a pregnant woman only if clearly needed.

Nursing Mothers:

Caution should be exercised when 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package is administered to a nursing woman.

Pediatric Use:

Safety and effectiveness of 15% CLINISOL - sulfite-free (Amino Acid) Injection in pediatric patients have not been established by adequate and well-controlled studies. However, the use of amino acid injections in pediatric patients as an adjunct in the offsetting of nitrogen loss or in the treatment of negative nitrogen balance is referenced in the medical literature. See Dosage and Administration.

ADVERSE REACTIONS

Local reactions consisting of a warm sensation, erythema, phlebitis and thrombosis at the infusion site have occurred with peripheral intravenous infusion of amino acids. In such cases the infusion site should be changed promptly to another vein. Generalized flushing, fever and nausea also have been reported during peripheral infusions of amino acid solutions.

The following metabolic complications have been reported with administration of TPN: metabolic acidosis and alkalosis, hypophosphatemia, hypocalcemia, osteoporosis, glycosuria, hyperglycemia, hyperosmolar nonketotic states and dehydration, rebound hypoglycemia, osmotic diuresis and dehydration, elevated liver enzymes, hypo- and hypervitaminosis, electrolyte imbalances, hyperammonemia, coma and death.

Sepsis has been reported following intravenous therapy, especially when using central venous catheters for prolonged periods.

Complications known to occur from the placement of central venous catheters are pneumothorax, hemothorax, hydrothorax, artery puncture and transection injury to the brachial plexus, malposition of the catheter, formation of arteriovenous fistula, phlebitis, thrombosis and air and catheter emboli.

DOSAGE AND ADMINISTRATION

Doses which achieve nitrogen equilibrium or positive balance are the most desirable. The dosage on the first day should be approximately half the anticipated optimal dosage and should be increased gradually to minimize glycosuria; similarly, withdrawal should be accomplished gradually to avoid rebound hypoglycemia.

Fat emulsion coadministration should be considered when prolonged (more than 5 days) parenteral nutrition is required in order to prevent essential fatty acid deficiency (EFAD).

Pediatric Use:

Use of 15% CLINISOL - sulfite-free (Amino Acid) Injection in pediatric patients is governed by the same considerations that affect the use of any amino acid solution in pediatrics. The amount administered is dosed on the basis of grams of amino acids/kg of body weight/day. Two to three g/kg of body weight for infants with adequate calories are generally sufficient to satisfy protein needs and promote positive nitrogen balance. Solutions administered by peripheral vein should not exceed twice normal serum osmolarity (718 mOsmol/L).

Parenteral drug products should be inspected visually for particulate matter and discoloration prior to administration.

A slight yellow color does not alter the quality and efficacy of this product.

Additives may be incompatible. Complete information is not available. Those additives known to be incompatible should not be used. Consult with pharmacist, if available. When compounding admixtures, use aseptic technique. Mix thoroughly. Do not store any unused portion of 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package.

Central Vein Infusion

In unstressed adult patients with no unusual nitrogen losses, a minimum dosage of 0.1 gram nitrogen (4.2 mL of 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package) plus 4.4 grams (15 calories) of dextrose/fat emulsion per kilogram of body weight per day is required to achieve nitrogen balance and weight stability. For patients stressed by surgery, trauma or sepsis, and those with unusual nitrogen losses, the dosage required for maintenance may be as high as 0.3 to 0.4 grams of nitrogen (13 to 17 mL 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package) per kilogram of body weight per day, with proportionate increases in non-protein calories. Periodic assessment of nitrogen balance of the individual patient is the best indicator of proper dosage. Use of an infusion pump is advisable to maintain a steady infusion rate during central venous infusion.

Peripheral Infusion

In patients for whom central vein catheterization is not advisable, admixtures with 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package can be administered by peripheral vein. Dilution of 250 mL 15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package in 750 mL of 10% dextrose will reduce the osmolarity to a level (718 mOsmol/L) which is more favorable to the maintenance of the integrity of the walls of the veins. If infused simultaneously, fat emulsion will provide a dilution effect upon the osmolarity, as well. In pediatric patients, the final solution should not exceed twice normal serum osmolarity (718 mOsmol/L).

DIRECTIONS FOR USE OF VIAFLEX PLASTIC PHARMACY BULK PACKAGE CONTAINER

Do not use if overpouch has been previously opened or damaged.

To Open

Tear overpouch at notch and remove solution container. Visually inspect the container. If the Admin port protector is damaged, detached, or not present, discard container as solution path sterility may be impaired. Some opacity of the plastic may be observed and will diminish gradually. Check for minute leaks by squeezing inner bag firmly. If leaks are found, discard.

Preparation for Admixing

1. The Pharmacy Bulk Package is to be used only in a suitable aseptic work area.
2. Suspend container.
3. Remove plastic protector from port.
4. Attach a suitable sterile transfer device or dispensing set which allows measured dispensing of the contents. Refer to complete directions accompanying device.
5. VIAFLEX containers should not be written on directly since ink migration has not been investigated. Affix accompanying label for date and time of entry.

HOW SUPPLIED

15% CLINISOL - sulfite-free (Amino Acid) Injection Pharmacy Bulk Package is available in VIAFLEX plastic containers as follows.

2B6187	500 mL	NDC 0338-0502-03
2B6189	2000 mL	NDC 0338-0502-06

Exposure of pharmaceutical products to heat should be minimized. Avoid excessive heat. Protect from freezing. It is recommended the product be stored at room temperature (25°C/77°F).

Baxter Healthcare Corporation

Clintec Nutrition Division
Deerfield, IL 60015 USA

Printed in USA

07-19-72-998

Rev. April 2014

Baxter, Clinisol, Viaflex, and PL 146 are trademarks of Baxter International Inc.

PRINCIPAL DISPLAY PANEL

LOT

EXP

2B6187

500 mL

NDC 0338-0502-03

15% CLINISOL - sulfite-free
(Amino Acid) Injection

15%

Pharmacy Bulk Package
Not For Direct Infusion

Rx Only

EACH 100 mL CONTAINS **ESSENTIAL AMINO ACIDS**
LYSINE (FROM LYSINE ACETATE) 1.18 g LEUCINE 1.04 g
PHENYLALANINE 1.04 g VALINE 960 mg HISTIDINE 894 mg
ISOLEUCINE 749 mg METHIONINE 749 mg THREONINE 749 mg
TRYPTOPHAN 250 mg **NONESSENTIAL AMINO ACIDS**
ALANINE 2.17 g ARGININE 1.47 g GLYCINE 1.04 g
PROLINE 894 mg GLUTAMIC ACID 749 mg SERINE 592 mg
ASPARTIC ACID 434 mg TYROSINE 39 mg
pH ADJUSTED WITH GLACIAL ACETIC ACID pH 6.0 (5.0 TO 7.0)
ACETATE 127 mEq/L BALANCED BY IONS FROM AMINO ACIDS
HYPERTONIC OSMOLARITY 1357 mOsmol/L (CALC)
STERILE NONPYROGENIC

CONTAINS NO MORE THAN 25 µg/L OF ALUMINUM

ADDITIVES MAY BE INCOMPATIBLE CONSULT WITH
PHARMACIST IF AVAILABLE WHEN COMPOUNDING
ADMIXTURES USE ASEPTIC TECHNIQUE
MIX THOROUGHLY DO NOT STORE

DOSAGE ADMIX FOR INTRAVENOUS ADMINISTRATION AS DIRECTED
BY A PHYSICIAN SEE ACCOMPANYING DIRECTIONS FOR USE
**ONCE CONTAINER CLOSURE HAS BEEN PENETRATED WITHDRAWAL
OF CONTENTS SHOULD BE COMPLETED WITHIN 4 HOURS**
AFFIX ACCOMPANYING LABEL FOR DATE AND TIME OF ENTRY
CAUTION DO NOT USE UNLESS SOLUTION IS CLEAR
A SLIGHT YELLOW COLOR DOES NOT ALTER THE QUALITY AND EFFICACY OF
THE PRODUCT

Baxter

BAXTER HEALTHCARE CORPORATION
CLINTEC NUTRITION DIVISION
DEERFIELD IL 60015 USA

MADE IN USA

VIAFLEX CONTAINER
PL 146 PLASTIC

BAXTER CLINISOL VIAFLEX AND
PL 146 ARE TRADEMARKS OF
BAXTER INTERNATIONAL INC

Container Label

LOT

EXP

2B6187

NDC 0338-0502-03

500mL

15% CLINISOL - sulfite-free
(Amino Acid) Injection

15%

Pharmacy Bulk Package
Not For Direct Infusion

Rx Only

EACH 100mL CONTAINS **ESSENTIAL AMINO ACIDS**
LYSINE (FROM LYSINE ACETATE) 1.18 g LEUCINE 1.04 g

PHENYLALANINE 1.04 g VALINE 960 mg HISTIDINE 894 mg
ISOLEUCINE 749 mg METHIONINE 749 mg THREONINE 749 mg
TRYPTOPHAN 250 mg **NONESSENTIAL AMINO ACIDS**
ALANINE 2.17 g ARGININE 1.47 g GLYCINE 1.04 g
PROLINE 894 mg GLUTAMIC ACID 749 mg SERINE 592 mg
ASPARTIC ACID 434 mg TYROSINE 39 mg
pH ADJUSTED WITH GLACIAL ACETIC ACID pH 6.0 (5.0 TO 7.0)
ACETATE 127 mEq/L BALANCED BY IONS FROM AMINO ACIDS
HYPERTONIC OSMOLARITY 1357 mOsmol/L (CALC)
STERILE NONPYROGENIC

CONTAINS NO MORE THAN 25µg/L OF ALUMINUM

ADDITIVES MAY BE INCOMPATIBLE CONSULT WITH
PHARMACIST IF AVAILABLE WHEN COMPOUNDING
ADMIXTURES USE ASEPTIC TECHIQUE
MIX THOROUGHLY DO NOT STORE

DOSAGE ADMIX FOR INTRAVEOUS ADMINISTRATION AS DIRECTED
BY A PHYSICIAN SEE ACCOMPANYING DIRECTIONS FOR USE
**ONCE CONTAINER CLOSURE HAS BEEN PENETRATED WITHDRAWAL
OF CONTENTS SHOULD BE COMPLETED WITHIN 4 HOURS**
AFFIX ACCOMPANYING LABEL FOR DATE AND TIME OF ENTRY

CAUTION DO NOT USE UNLESS SOLUTION IS CLEAR

A SLIGHT YELLOW COLOR DOES NOT ALTER THE QUALITY AND EFFICACY OF
THE PRODUCT

Baxter
BAXTER HEALTHCARE CORPORATION
CLINTEC NUTRITION DIVISION
DEERFIELD IL 60015 USA
MADE IN THE USA

VIAFLEX CONTAINER
PL 146 PLASTIC

BAXTER CLINISOL VIAFLEX AND
PL 146 ARE TRADEMARKS OF
BAXTER INTERNATIONAL INC

1
2
3
4

Lot: xx
QTY: 24-500 mL

NDC: 0338-0502-03

Exp: x x
Code: 2B6187

15% Clinisol - Sulfite-Free (Amino Acid) INJ
Viaflex Container



(17) XX00 (10) xx



(01) 50303380502030

07/31/09 10:20:21

07-35-C

Carton Label

Lot: xx
QTY: 24-500 mL

Exp: x x
Code: 2B6187

NDC: 0338-0502-03

15% Clinisol - Sulfite-Free (Amino Acid) INJ
Viaflex Container

(17) XX00 (10) xx

(01) 50303380502030

07/31/09 10:20:21

07-35-C

CLINISOL

lysine, leucine, phenylalanine, valine, histidine, isoleucine, methionine, threonine, tryptophan, alanine, arginine, glycine, proline, glutamic acid, serine, aspartic acid, tyrosine injection, solution

Product Information				
Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0338-0502	
Route of Administration	INTRAVENOUS	DEA Schedule		
Active Ingredient/Active Moiety				
Ingredient Name		Basis of Strength	Strength	
LYSINE ACETATE (UNII: TTL6G7LIWZ) (LYSINE - UNII:K3Z4F929H6)		LYSINE	1.18 g in 100 mL	
LEUCINE (UNII: GMW67QNF9C) (LEUCINE - UNII:GMW67QNF9C)		LEUCINE	1.04 g in 100 mL	
PHENYLALANINE (UNII: 47E5O17Y3R) (PHENYLALANINE - UNII:47E5O17Y3R)		PHENYLALANINE	1.04 g in 100 mL	
VALINE (UNII: HG18B9YRS7) (VALINE - UNII:HG18B9YRS7)		VALINE	960 mg in 100 mL	
HISTIDINE (UNII: 4QD397987E) (HISTIDINE - UNII:4QD397987E)		HISTIDINE	894 mg in 100 mL	
ISOLEUCINE (UNII: 04Y7590D77) (ISOLEUCINE - UNII:04Y7590D77)		ISOLEUCINE	749 mg in 100 mL	
METHIONINE (UNII: AE28F7PNPL) (METHIONINE - UNII:AE28F7PNPL)		METHIONINE	749 mg in 100 mL	
THREONINE (UNII: 2ZD004190S) (THREONINE - UNII:2ZD004190S)		THREONINE	749 mg in 100 mL	
TRYPTOPHAN (UNII: 8DUH1N11BX) (TRYPTOPHAN - UNII:8DUH1N11BX)		TRYPTOPHAN	250 mg in 100 mL	
ALANINE (UNII: OF5P57N2ZX) (ALANINE - UNII:OF5P57N2ZX)		ALANINE	2.17 g in 100 mL	
ARGININE (UNII: 94ZLA3W45F) (ARGININE - UNII:94ZLA3W45F)		ARGININE	1.47 g in 100 mL	
GLYCINE (UNII: TE7660XO1C) (GLYCINE - UNII:TE7660XO1C)		GLYCINE	1.04 g in 100 mL	
PROLINE (UNII: 9DLQ4CIU6V) (PROLINE - UNII:9DLQ4CIU6V)		PROLINE	894 mg in 100 mL	
GLUTAMIC ACID (UNII: 3KX376GY7L) (GLUTAMIC ACID - UNII:3KX376GY7L)		GLUTAMIC ACID	749 mg in 100 mL	
SERINE (UNII: 452VLY9402) (SERINE - UNII:452VLY9402)		SERINE	592 mg in 100 mL	
ASPARTIC ACID (UNII: 30KYC7MIAI) (ASPARTIC ACID - UNII:30KYC7MIAI)		ASPARTIC ACID	434 mg in 100 mL	
TYROSINE (UNII: 42HK56048U) (TYROSINE - UNII:42HK56048U)		TYROSINE	39 mg in 100 mL	
Inactive Ingredients				
Ingredient Name			Strength	
ACETIC ACID (UNII: Q40Q9N063P)				
WATER (UNII: 059QF0KO0R)				
Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:0338-0502-03	500 mL in 1 BAG	08/30/1996	
2	NDC:0338-0502-06	2000 mL in 1 BAG	08/30/1996	
Marketing Information				
Marketing Category	Application Number or Monograph Citation		Marketing Start Date	Marketing End Date
ANDA	ANDA020512		08/30/1996	

Labeler - Baxter Healthcare Corporation (005083209)

Establishment

Name	Address	ID/FEI	Business Operations
------	---------	--------	---------------------

Baxter Healthcare Corporation		189326168	ANALYSIS(0338-0502) , LABEL(0338-0502) , MANUFACTURE(0338-0502) , PACK(0338-0502) , STERILIZE(0338-0502)
-------------------------------	--	-----------	---

Establishment			
Name	Address	ID/FEI	Business Operations
Baxter Healthcare Corporation		194684502	ANALYSIS(0338-0502)